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(71)Applicant : FUJITSU LTD

FUJITSU EE C S KK

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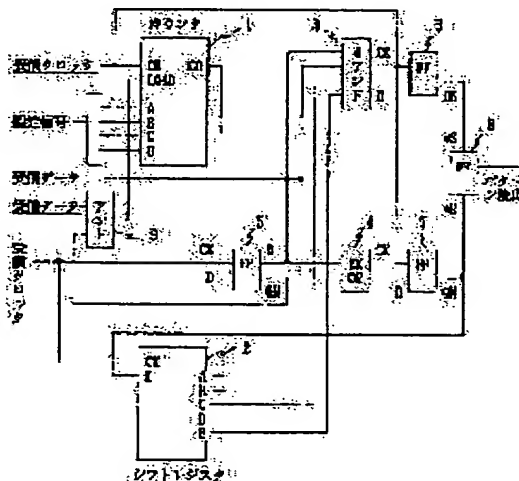
(72)Inventor : NISHIMURA MASAYUKI

(54) CONTINUOUS REPEAT PATTERN DETECTING CIRCUIT

(57)Abstract:

PURPOSE: To operate the preparation and release of a loop circuit by exactly detecting a continuous repeat pattern signal from a switchboard.

CONSTITUTION: This device is equipped with a counter 1 which sets the pattern of a loop setting and release, shift register 2 sets the first pattern detection pulse by a non-detection, four-input AND circuit 3 detects a pattern coincidence, EX OR circuit 4 detects a pattern anticoincidence, FF 5 latches a counter output, FF 6 sets a pattern for set, FF 7 sets a pattern for reset, and FF 8 transmits a pattern detection signal. At the time of detecting a remote loop preparation pattern and release pattern, the preparation pattern is detected at first, the release pattern is detected only when the preparation pattern is detected, two kinds of shift signals for the loop preparation and release are transmitted, and the first set pattern detection pulse is set by the non-detection so that the detection can be executed only when the pattern signals are continued two times.



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